

mation into the growing mind without allowing adequate time for assimilation and consideration of the facts introduced."

He sounded quite cross about it, but then one of his chief interests is education, and he believes this is where the future of mankind lies. Also he seems to have a pretty poor view of our intelligence here on earth. He once said to me that there were only ten people alive who really knew how to think, and how to use the thought processes that are available to those of normal intelligence.

Some time afterwards, when Lord Russell died, he then said that there were now only nine thinkers left. He will not tell me who they are—perhaps just as well.

Very diffidently, I asked him about space once. He rubbed his fingers over his moustache and said: "In a sense everything is in one place. And in another sense space is endless. It is one of those apparent contradictions."

He went on to add that once we understood the nature of space, space travel would become much easier for us. It sounds so difficult to fathom and I spend ages thinking about it without being any wiser at the end. I can only wait now to see what develops. I sometimes wish that a tape recorder could pick up their voices in the same way that I can. Then, instead of trying to write down the more involved and complicated things that people like Einstein say I could record them exactly and give them to people who are wise to work out.

However, sometimes I do try to write down everything he says by hand. This is a fairly laborious process, particularly when communication is not good, and with Einstein I do find it is inclined to fade rather a lot.

He did, on one occasion in the summer of 1967, give me an equation, which he explained was, in fact, 60 vari-

able equations in two groups of thirty each, one group decreasing and one group increasing.

The actual equation was:  $S(Q)R = \text{Infinity}$ .

S = Sequence.

Q = Quantity.

R = Ratio.

What follows is from his dictation.

→ "S can be taken to represent the passage of time (history); Q to represent the manifestation of the Life-force (creation); R to represent the variable factors (conditioning of creation).

"S is passing through Q; that is to say, time is passing through creation subject to fluctuations of the energy quotient which operates in rhythmic frequencies as a great pulse animating life throughout the entire universe.

"The invidious question of the resultant domination over the course of evolution by a primordial originating impulse can only be discussed in full when all the secondary factors are taken into consideration. No facet of Nature can be separated from the primal impulse which set in motion endless chain reactions. These reactions may at times be controlled or interrupted or even halted; certain processes can be repeated, reversed or occasionally revoked. These are matters requiring profound thought and thorough research."

At this point the contact with Einstein faded, and Sir Donald Tovey took over the dictation, on the same lines of reasoning, and I think it worth repeating what he said here for other and wiser minds than mine to puzzle over.

"There are not, as it would appear, two creative aspects, viz., male and female, but one only, the creative energy-force which divides and sub-divides to produce numerous forms and formations of matter. Any manifestation in form or sound is an eruption of the energy-force from its